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(54) Title: CRYSTALLINE FORM OF ATORVASTATIN HEMI CALCIUM

(57) Abstract: The present invention relates to novel crystalline form R of atorvastatin hemi calcium salt and hydrates thereof useful as pharmaceutical agents, to methods for their production and isolation, to pharmaceutical compositions which include novel crystalline form R of atorvastatin hemi calcium salt and hydrates thereof and a pharmaceutically acceptable carrier, and to pharmaceutical methods of treatment.